

Converting Colors

YIQ(59.0380, -53.6070, 51.9370)

Have a look what the booklet for
YIQ(59.0380, -53.6070, 51.9370)
contains.

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Color

**YIQ(59.0380, -53.6070,
51.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	2828CF
RGB	40, 40, 207
RGB Percent	16%, 16%, 81%
CMY	0.8430, 0.8432, 0.1886
CMYK	0.81, 0.81, 0.00, 0.19
HSL	240°, 68%, 48%
HSV	240°, 81%, 81%
XYZ	12.8867, 6.4700, 59.5452
YIQ	59.0380, -53.6070, 51.9370

Conversions

Conversions Part 2

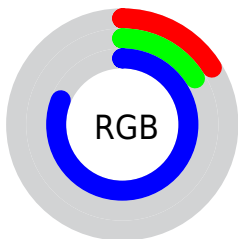
Format	Color
R_{YB}	40, 40, 207
Decimal	2631887
CIE _{Lab}	30.57, 56.14, -83.26
CIE _{LCh}	31, 100.420, 303.989
Yxy	6.4700, 0.1633, 0.0820
Android (android.graphics.Color)	4280821967 (0xFF2828CF)
YUV	59.0380, 72.9453, -16.6963
Hunter-Lab	25.4362, 45.9202, -120.9905

Details

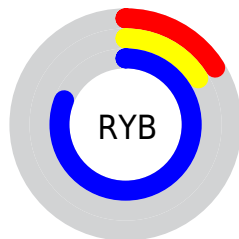
The YIQ color **59.0380, -53.6070, 51.9370** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **187.9620, 53.6070, -51.9370**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **116.2960, -36.5980, 57.5620**, and **17.2140, -48.4710, 46.9610** is the 20% darker color. If you saturate the color by 10%, you get **40.4320, -60.3480, 58.4680**, and if you desaturate by 10%, it is **77.6440, -46.8660, 45.4060**.

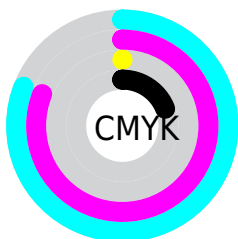
Distribution



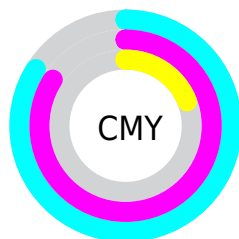
- Red (16%)
- Green (16%)
- Blue (81%)



- Red (16%)
- Yellow (16%)
- Blue (81%)



- Cyan (81%)
- Magenta (81%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (84%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.0380, -53.6070, 51.9370 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 59.0380, -53.6070, 51.9370 by changing the saturation by 10% instead.

■ 59.0380, -53.6070,
51.9370

■ 59.0380, -53.6070,
51.9370

■ 255.0000, -0.0000,
-0.0000

■ 28.6240, -61.3090,
48.3470

■ 116.2960,
-36.5980, 57.5620

■ 17.2140, -48.4710,
46.9610

■ 141.1260,
-24.6760, 50.7480

■ 14.1360, -39.8040,
38.5640

■ 165.6570,
-13.3500, 43.7220

■ 13.5200, -32.5580,
28.3860

■ 190.7750, -2.2990,
36.1730

■ 13.6050, -25.9080,
17.9960

■ 216.4800, 8.4770,
28.1010

■ 7.9340, -16.8290,
13.1470

■ 237.3900, 8.2500,

■ 3.7790, -9.2630,

15.6900

8.1850

253.8260, 0.5500,
1.0460

0.0000, 0.0000,
0.0000

59.0380, -53.6070,
51.9370

59.0380, -53.6070,
51.9370

40.4320, -60.3480,
58.4680

77.6440, -46.8660,
45.4060

23.5980, -66.4470,
64.3770

95.3640, -40.4460,
39.1860

113.9700,
-33.7050, 32.6550

132.5760,
-26.9640, 26.1240

150.2960,
-20.5440, 19.9040

■ 168.9020,
-13.8030, 13.3730

■ 187.5080, -7.0620,
6.8420

■ 206.1140, -0.3210,
0.3110

■ 223.8340, 6.0990,
-5.9090

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2120, -98.8560, 29.4640



59.0380, -53.6070, 51.9370



65.6370, 52.4370, 79.4530

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.0380, -53.6070, 51.9370



59.4700, 75.1900, 13.9900



65.5860, -52.4010, -25.0170

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.0380, -53.6070, 51.9370



187.9620, 53.6070, -51.9370

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.1780, -25.8500, -49.1620



59.0380, -53.6070, 51.9370



67.3580, 27.3300, -21.7420

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.0380, -53.6070, 51.9370



54.1190, 107.8760, 38.3720



52.2430, -24.4750, -46.5470



76.3530, -78.5850, -2.0170

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.0380, -53.6070, 51.9370



67.5970, 84.3040, 69.1040



52.2430, -24.4750, -46.5470



62.3940, -43.4130, -33.7250

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.0380, -53.6070, 51.9370



200.9540, -19.5810, 18.9710



157.0670, -99.5320, -35.4040



95.2180, -11.8770, 11.5070



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.0380, -53.6070, 51.9370



36.1580, -79.2870, 76.8170



83.8550, -4.1390, 69.5330



95.2540, -3.5310, 3.4210



19.1520, -53.9280, 52.2480



4.6740, -13.1610, 12.7510

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



108.9710, 45.9250, 87.3410



110.0110, 67.9250, 129.1810



162.8460, 3.5430, -69.7450



98.5430, 3.0250, 5.7530



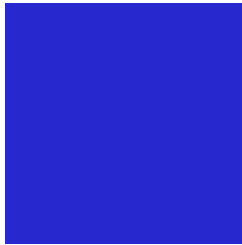
69.3840, 46.2000, 87.8640



16.9330, 11.2750, 21.4430

Previews

White Background



This preview shows how the YIQ color 59.0380, -53.6070, 51.9370 looks on a white background.

Color Contrast Check

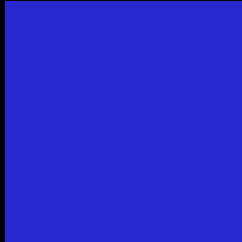
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 59.0380, -53.6070, 51.9370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

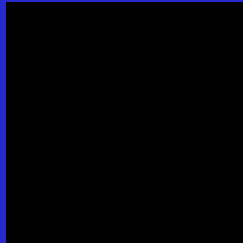
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 59.0380, -53.6070, 51.9370

Background



This preview shows how black text looks on a background with the YIQ color 59.0380, -53.6070, 51.9370.



This preview shows how white text looks on a background with the YIQ color 59.0380, -53.6070,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.0380, -53.6070, 51.9370

Protanopia

57.0330, -65.5200, 9.0080

Deuteranopia

57.5740, -60.1540, -0.1380



Tritanopia

56.5360, -48.9640, -15.7160

Trichromacy



Original Color

59.0380, -53.6070, 51.9370

Protanomaly

57.6830, -60.9380, 25.0940

Deuteranomaly

58.4350, -57.5440, 18.6480

Tritanomaly

57.3460, -50.3440, 9.3040

Monochromacy



Original Color

59.0380, -53.6070, 51.9370

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.9540, -19.5810, 18.9710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.0380, -53.6070, 51.9370 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(40, 40, 207)` looks like.

```
.text, #text, p{  
    color:rgb(40, 40, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(40, 40, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 40, 207) }
```

Border

The CSS property to change the border of an element to YIQ 59.0380, -53.6070, 51.9370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(40, 40, 207) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(40, 40, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(40, 40, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 40, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 40, 207);  
box-shadow:4px 4px 4px 4px rgb(40, 40,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 59.0380, -53.6070, 51.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 40, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(40, 40,  
207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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